

PATENT
005586-20019 (81784.0014)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Ryuji NISHIKAWA

Serial No: 09/447,378

Filed: November 23, 1999

For: LIQUID CRYSTAL DISPLAY DEVICE

Art Unit: 2871

Examiner: Zhi Qiang Qi

Box Non-Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.
- ☐ A Notice Of Change Of Attorney's Address and Associate Power Of Attorney is enclosed.
- ☐ No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE		ADD'L FEE DUE
TOTAL CLAIMS FEE	16	-20	37 **	0	LG=\$18 SM=\$9	\$18	\$ 0
INDEPENDENT CLAIMS FEE	10	-3	5 ***	5	LG=\$84 SM=\$42	\$84	\$ 420
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140		\$
TOTAL							\$ 420

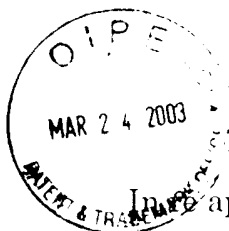
- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ A check in the amount of \$ -0- to cover the additional claims fee is enclosed. **A copy of this sheet is enclosed.**
- ☒ A check in the amount of \$ 110.00 to cover the extension fee is enclosed. **A copy of this sheet is enclosed.**
- ☒ The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**
 - ☒ Any filing fees under 37 C.F.R. 1.16 for the presentation of extra claims
 - ☒ Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,
HOGAN & HARTSON L.L.P.

By: [Signature]

Date: March 17, 2003



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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents
Washington D.C. 20231, on

March 17, 2003

Date of Deposit

John P. Scherlach, Reg. No. 23,009

Name

Signature

03/17/03

Date

AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated November 15, 2002, the period for response to which is being extended by one month to March 17, 2003, (the first business day following March 15, 2003) by the accompanying petition, please amend the above-identified application as follows:

IN THE CLAIMS:

Rewrite claims 1 as follows:

1. (Amended) A liquid crystal display device for displaying by controlling the orientation of a liquid crystal by means of a plurality of pixel electrodes formed for each pixel and an opposing electrode disposed to oppose the plurality of pixel electrodes with the liquid crystal therebetween, comprising:

an orientation divider for dividing an orientation direction of the liquid crystal in a single pixel into a plurality of directions, the orientation divider being provided in a space region between the pixel and an adjacent pixel and in a region other than the space region; and